

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 14, 2003, 02:28:22 ; Search time 20 Seconds
(without alignments)
255,979 Million cell updates/sec

Title: US-09-717-095-2
Perfect score: 958
Sequence: 1 MLPMTLCRSMWLLSCLMFL.....QKWRDFNCENELPYICKFKV 174

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 2942292 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA.*
1: /cgn2.6/ptodata/2/1aa/5A_COMB.pep.*
2: /cgn2.6/ptodata/2/1aa/5B_COMB.pep.*
3: /cgn2.6/ptodata/2/1aa/6A_COMB.pep.*
4: /cgn2.6/ptodata/2/1aa/6B_COMB.pep.*
5: /cgn2.6/ptodata/2/1aa/PCTUS_COMB.pep.*
6: /cgn2.6/ptodata/2/1aa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	958	100.0	174	2	US-08-401-530A-2
2	958	100.0	174	2	US-08-709-662-2
3	958	100.0	175	1	US-08-909-725-6
4	598	62.4	175	2	US-08-401-530A-3
5	598	62.4	175	2	US-08-709-662-3
6	572	59.7	175	2	US-08-464-637-2
7	572	59.7	175	2	US-08-401-530A-4
8	572	59.7	175	2	US-08-709-662-4
9	572	59.7	175	2	US-08-822-261-3
10	566	59.1	174	1	US-07-778-156-7
11	566	59.1	174	2	US-08-822-261-4
12	566	59.1	174	2	US-08-422-166-7
13	557	58.1	175	2	US-08-822-261-1
14	557	58.1	184	1	US-07-778-156-2
15	557	58.1	184	2	US-08-422-166-2
16	518	54.1	174	2	US-08-401-530A-5
17	518	54.1	174	2	US-07-778-156-3
18	484	50.5	158	1	US-08-709-662-5
19	484	50.5	158	2	US-07-778-156-3
20	466	48.6	174	2	US-08-422-166-3
21	466	48.6	174	2	US-08-401-530A-6
22	402.5	42.0	166	2	US-08-709-662-6
23	395.5	41.3	165	2	US-08-729-103-4
24	395.5	41.3	165	2	US-08-401-530A-7
25	395.5	41.3	165	2	US-08-729-103-3
26	257.5	28.9	117	6	US-08-709-662-7
27	193	20.1	134	1	US-07-893-929A-2

28	193	20.1	134	5	PCT-US92-10344-2	Sequence 2, Appli
29	190	19.8	158	2	US-08-729-103-1	Sequence 1, Appli
30	190	19.8	158	2	US-08-468-413-2	Sequence 2, Appli
31	190	19.8	158	3	US-09-162-508-2	Sequence 2, Appli
32	190	19.8	158	5	PCT-US95-07169-2	Sequence 2, Appli
33	185	19.3	131	1	US-07-893-929A-1	Sequence 1, Appli
34	185	19.3	131	5	PCT-US92-10344-1	Sequence 1, Appli
35	172	18.0	130	1	US-07-893-929A-7	Sequence 7, Appli
36	172	18.0	130	5	PCT-US92-10344-7	Sequence 7, Appli
37	172	18.0	133	1	US-07-893-929A-9	Sequence 9, Appli
38	172	18.0	133	5	PCT-US92-10344-9	Sequence 9, Appli
39	164	17.1	125	1	US-07-893-929A-3	Sequence 3, Appli
40	164	17.1	125	5	PCT-US92-10344-3	Sequence 3, Appli
41	162	16.9	132	1	US-07-893-929A-5	Sequence 5, Appli
42	162	16.9	132	5	PCT-US92-10344-5	Sequence 5, Appli
43	161	16.8	1722	4	US-09-194-612A-1	Sequence 1, Appli
44	160	16.7	123	1	US-07-893-929A-4	Sequence 4, Appli
45	160	16.7	123	5	PCT-US92-10344-4	Sequence 4, Appli

ALIGNMENTS

RESULT 1
US-08-401-530A-2
; Sequence 2, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vitnik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 4000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-401-530A-2

Query Match 100.0%; Score 958; DB 2; Length 174;

Best Local Similarity 100.0%; Pred. No. 2.7e-98;

Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLPMTLCRSMWLLSCLMFLSWVEGESOKLPSSRITCPQGSVAYGYCYSLILPQTW 60
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Db 1 MLPMTLCRSMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQW 60
Qy 61 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNLSLTAYQYIWGLHDPHSHGTLPNGSGWK 120
Db 61 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNLSLTAYQYIWGLHDPHSHGTLPNGSGWK 120
Qy 121 WSSSNVLTFFYNWRNPISIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 174
Db 121 WSSSNVLTFFYNWRNPISIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 174

APL

RESULT 2
US-08-709-662-2
; Sequence 2, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709.662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32.141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-709-662-2

Query Match 100.0%; Score 958; DB 2; Length 174;
Best Local Similarity 100.0%; Pred. No. 2.7e-98;
Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLPMTLCRSMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQW 60
Db 1 MLPMTLCRSMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQW 60
Qy 61 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNLSLTAYQYIWGLHDPHSHGTLPNGSGWK 120
Db 61 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNLSLTAYQYIWGLHDPHSHGTLPNGSGWK 120
Qy 121 WSSSNVLTFFYNWRNPISIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 174
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RESULT 3

US-08-909-725-6
; Sequence 6, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: INCAP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909.725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741.096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32.145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-909-725-6

APL

Query Match 100.0%; Score 958; DB 1; Length 175;
Best Local Similarity 100.0%; Pred. No. 2.8e-98;
Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 2 MLPMTLCRSMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGYCYSLILIPQW 61
Qy 61 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNLSLTAYQYIWGLHDPHSHGTLPNGSGWK 120
Db 62 SNAELSCQMHFSGHLAFLSTGEITFVSSLVKNLSLTAYQYIWGLHDPHSHGTLPNGSGWK 121
Qy 121 WSSSNVLTFFYNWRNPISIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 174
Db 122 WSSSNVLTFFYNWRNPISIAADRGYCAVLSQKSGFGQKWRDFNCENELPYICKFKV 175

RESULT 4
US-08-401-530A-3
; Sequence 3, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence

Query Match 59.7%; Score 572; DB 2; Length 175;
Best Local Similarity 57.6%; Pred. No. 1.4e-55;
Matches 98: Conservative 34; Mismatches 38; Indels 0; Gaps 0;


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;
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 184 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-422-166-2

Query Match      58.1%; Score 557; DB 2; Length 184;
Best Local Similarity 60.1%; Pred. No. 6.7e-54;
Matches 95; Conservative 29; Mismatches 34; Indels 0; Gaps 0;

QY 9 MSWMLLSCLMFLSWVEGESQKLPSSRTCPQGSVAYGSCYISLLILIPQTWSNAELSCQ 68
Db 10 MSWMLLSCLMLLSQVGEDSPKKIPISARISCPKGSQAYGCYALFQIPQTFDAELACQ 69

QY 69 MHFSGHLAFLLSTGEITFVSSLVKNSLTAYQYIWIQLHDPHSHGTLPLNGSGWKWSSSNVLT 128
Db 70 KRPEGLVSVLVNAEASFLASVWKVTGNSYQYTWIGLHDPTLGGEPNCGGWEWSNNDIMN 129

QY 129 FYNWERNPSIAADRGYCAVLSQKSGFKWRDFNCENEL 166
Db 130 YVNWERNPSTALDRGCGSLRSRSGFLWRDPTCEVEV 167
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Search completed: February 14, 2003, 05:05:44
Job time : 24 secs

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: February 14, 2003, 00:34:36 ; Search time 589 seconds

(without alignments)
645.950 Million cell updates/sec

Title: US-09-717-095-1

Perfect score: 747

Sequence: 1 CTGCAAGACAGGTACCATGA.....AAAATAAAATGTCATCAAC 747

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 424239 seqs, 254661826 residues

Total number of hits satisfying chosen parameters: 848478

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_NA.*

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq.*
- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
- 9: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
- 10: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq.*
- 13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	586	78.4	586	10	US-09-739-262-3
2	304.8	40.8	859	9	US-09-978-295A-451
3	304.8	40.8	859	9	US-09-978-697-451
4	304.8	40.8	859	9	US-09-978-192A-451
5	304.8	40.8	859	9	US-09-999-832A-451
6	304.8	40.8	859	9	US-09-978-189-451
7	304.8	40.8	859	9	US-10-174-590-423
8	304.8	40.8	859	9	US-10-176-758-423
9	304.8	40.8	859	9	US-10-175-737-423
10	304.8	40.8	859	9	US-10-173-706-423
11	304.8	40.8	859	9	US-10-175-738-423
12	304.8	40.8	859	9	US-10-175-752-423
13	304.8	40.8	859	9	US-10-176-482-423
14	304.8	40.8	859	9	US-10-176-913-423
15	304.8	40.8	859	9	US-10-180-552-423
16	304.8	40.8	859	9	US-10-180-557-423
17	304.8	40.8	859	9	US-10-173-700-423
18	304.8	40.8	859	9	US-10-174-572-423
19	304.8	40.8	859	9	US-10-174-572-423

ALIGNMENTS

RESULT 1

US-09-739-262-3
; Sequence 3, Application US/09739262
; Patent No. US20020031767A1
; GENERAL INFORMATION:
; APPLICANT: Dieckgraeffe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/739.262
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 09/146,969
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-262-3

Query Match	78.4%	Score 586;	DB 10;	Length 586;
Best Local Similarity	100.0%;	Pred. No. 4.8e-174;		
Matches 586;	Conservative	0;	Mismatches 0;	Indels 0; Gaps 0;
Qy	24	TTCCCATGACCTCTGTAGGATGCTTGGATGCTCTTTCTGCTGATGTTCTTTCTT 83		
Db	1	TTCCCATGACCTCTGTAGGATGCTTGGATGCTCTTTCTGCTGATGTTCTTTCTT 60		
Qy	84	GGGTGGAAGGTGAAGAATCTCAAAAGAAACTGCCTTTCTTACGTATACCTGCTCAAG 143		
Db	61	GGGTGGAAGGTGAAGAATCTCAAAAGAAACTGCCTTTCTTACGTATACCTGCTCAAG 120		
Qy	144	GCTCTGTAGCTATGGGTCCTATTGCTATTCTACATGATTTTGTATACACAGACCTGGTCTA 203		
Db	121	GCTCTGTAGCTATGGGTCCTATTGCTATTCTACATGATTTTGTATACACAGACCTGGTCTA 180		
Qy	204	ATGCAGAACTATCCCGCAGATGCAATTTCTCAGGACCTGCGCATTTCTTCAGTACTG 263		
Db	181	ATGCAGAACTATCCCGCAGATGCAATTTCTCAGGACCTGCGCATTTCTTCAGTACTG 240		
Qy	264	GTGAATACCTTCGTGTCCTCCCTTGTGAAGAACAGTTTGACGGCCTACACAGTACATCT 323		

Db 241 GTGAAATTAACCTTCGTGTCCTCCCTGTGAAGAACAGTTTGACGGCCCTACAGTACATCT 300
Qy 324 GGATTGGACTCCATGATCCCTCACATGTGTACACTACCAACGGAAGTGGATGGAAGTGA 383
Db 301 GGATTGGACTCCATGATCCCTCACATGTGTACACTACCAACGGAAGTGGATGGAAGTGA 360
Qy 384 GCAGTTCCAATGTGCTGACCTTCTATRACTGGGAGAGAACCCCTCTATTCTGCTGACC 443
Db 361 GCAGTTCCAATGTGCTGACCTTCTATRACTGGGAGAGAACCCCTCTATTCTGCTGACC 420
Qy 444 GTGGTTATTGTGCTAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTTAAT 503
Db 421 GTGGTTATTGTGCTAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTTAAT 480
Qy 504 GTGAAATGAGCTCCCTATATCTGCAATTCAGAGTCTAGGCTAGGAGTCTTAATTTCAACA 563
Db 481 GTGAAATGAGCTCCCTATATCTGCAATTCAGAGTCTAGGCTAGGAGTCTTAATTTCAACA 540
Qy 564 GCTTGAATAATATTGAAGCTCACATGTCAGCAAGGAAGCAAGTATGA 609
Db 541 GCTTGAATAATATTGAAGCTCACATGTCAGCAAGGAAGCAAGTATGA 586

RESULT 2
US-09-978-295A-451
; Sequence 451, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C11
; CURRENT APPLICATION NUMBER: US/09/978.295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
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; PRIOR APPLICATION NUMBER: 60/080194
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APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
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APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
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APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR FILING DATE: 09/918585
PRIOR FILING DATE: 2001-07-30
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Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

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DB 678 AAGACTCAGCTGGAAGAGATATTTCTCCCAAACTGCCCTACC 721

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; Patent No. US20020177553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
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; APPLICANT: Shelton, David L.
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; APPLICANT: Tumas, Daniel
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; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

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RESULT 5

US-09-999-832A-451
; Sequence 451, Application US/09999832A
; Publication No. US20020192706A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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Qy 549 GTTCTAAATTTCAACAGCTTGAAATATTTATGAAGCTCACATGGCAAGAAAGCAAGTATG 608
Db 618 GGTGGAGTCAAGCAGCCTCAGCTTGGCGTGCAGCTCATCATGAGACCATGAGTGTG 677

Qy 609 AGGATTCATCAGGAAGCAGCAAGCTTGCCTTACACCCACACC 652
Db 678 AAGACTCACCTGGAAGAGAATATTTCTCCCAAACTGCCCTACC 721

RESULT 8
US-10-176-758-423
; Sequence 423, Application US/10176758
; Publication No. US2003008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C104
; CURRENT APPLICATION NUMBER: US/10/176,758
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA

; ORGANISM: Homo Sapien
US-10-176-758-423

Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

Qy 9 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCTTTCCTGCC 68
Db 78 CAGACACTATGCTGCTCCCATGCCCTGCCAGTGTCTCTGGATGCTGCTTTCCTGCC 137

Qy 69 TGATGTTCTTCTTGGGTGAAGTGAAGATCTCAAAAGAACTGCTTCTTCAAGTA 128
Db 138 TCATTTCTCTGTGTCAGGTTCAAGGTGAAGAAACCCAGAGAACTGCCCTCTCCACGGA 197

Qy 129 TAACCTGTCTCAAGGCTCTGTAGCTATGGTCTCTATTTCTACTGATTTTGATAC 188
Db 198 TCAGCTGTCCCAAGGCTCCCAAGGCTATGGCTCCCTGCTATGCTCTGTTTTGTGAC 257

Qy 189 CACAGACCTGTCTAATGCAGAACTATCCTGCCAGATGATTTCTCAGGACACCTGGCAT 248
Db 258 CAAATCCTGGATGCAGATCTGGCTTGCCAGAGCGCCCTCTCGAAAACTGGTGT 317

Qy 249 TTCCTTCAGTACTGCTGAATTTACCTTCGTGCTGCTTGTGAAGAACAGTTTGACGG 308
Db 318 CTGTGCTCAGTGGGCTGAGGGATCCTTCGTGCTCCTCCCTGCTGAGGAGCATTAGTAACA 377

Qy 309 CTTACCTACATCTGGATTCGATGCTTCCCAATGCTGACCTTCTATAACTGGGAGAGAACCCCT 428
Db 378 GCTACTCATACATCTGGATTCGCTTCCCAATGCTGACCTTCTATAACTGGGAGAGAACCCCT 437

Qy 369 GTGGATGGAAGTGGAGCAGTTCCCAATGCTGACCTTCTATAACTGGGAGAGAACCCCT 428
Db 438 ATGGATGGAGTGGAGTAGCACTGATGTGATGAATTAATTTGCGATGGAGAAATCCCT 497

Qy 429 CTATTTGCTGACCGTGGTTATTTGTCAGATTTTGTCTCAGAAATCAGTTTTCAGAAGT 488
Db 498 CCACCATCTTAAACCCCTGGCCACTGTGGAGCCTGTCAAGAACACACAGGATTTCTGAAGT 557

Qy 489 GGAGAGATTTAAATGTGAAATGAGCTTCCCTATATCTGCAAAATTCAGCTTAGGGCA 548
Db 558 GGAAGATTTAACTGTGATGCAAAAGTTACCCTATGCTGCAAGTTCAAGGACTAGGGCA 617

Qy 549 GTTCTAAATTTCAACAGCTTGAAATATTTATGAAGCTCACATGGCAAGAAAGCAAGTATG 608
Db 618 GGTGGAGTCAAGCAGCCTCAGCTTGGCGTGCAGCTCATCATGAGACCATGAGTGTG 677

Qy 609 AGGATTCATCAGGAAGCAGCAAGCTTGCCTTACACCCACACC 652
Db 678 AAGACTCACCTGGAAGAGAATATTTCTCCCAAACTGCCCTACC 721

RESULT 9
US-10-175-737-423
; Sequence 423, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; CURRENT FILING DATE: 2002-06-19

; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-175-737-423

Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

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Qy 9 CAGGTACCATGATGCTTCCCATGACCCCTGTGTAGGATGCTTGGATGCTGCTTCCCTGCC 68
Db 78 CAGACACTATGCTGCCCTCCCATGCCCTGCCAGTGTCTCTGGATGCTGCTTCCCTGCC 137
Qy 69 TGATGTTCTTTCTTTGGTGAAGTGAAGTCTCAAAAGAACTGCCCTTCTTCACGTA 128
Db 138 TCATTCTCTGTCAGGTTCAAGGTGAAGAAACCCAGAAGAACTGCCCTCTCCACGGA 197
Qy 129 TAACCTGTCTCAAGGCTCTAGCCTATGGTCTTATTGCTATTCTACTGATTTTGATAC 188
Db 198 TCAGCTGTCCCAAGGCTTCAAGGCTATGGCTCCCTGCTATGCTGCTTGTGTTGTCAC 257
Qy 189 CACAGACCTGGTCTTAATGCAGAACTATCCTGCCAGATGCTTCTCAGGACACCTGGCAT 248
Db 258 CAAATCTGGATGATGCAGATCTGGCTTGCAGAAAGCGCCCTCTGGAAGAACTGGTGT 317
Qy 249 TTCCTTCAGTACTGGTGAATTAACCTTCGTGCTCCCTGTGGAAGAACTGGTGGAGG 308
Db 318 CTGTGCTCAGTGGGCTGAGGGATCCTTCGTGCTCCTCCTGGTGGAGGACATTAGTAACA 377
Qy 309 CTAACCTGATCATCTGGATTTGGACTCCATGATCCCTCAGATGGTACACTACCCACGAA 368
Db 378 GCTACTCATATCTGGATTTGGGCTTCCATGACCCACAGAGGCTCTGAGCCTGATGGAG 437
Qy 369 GTGGATGAAGTGGAGCAGTTCCCAATGTGCTGACCTTCTATAACTGGGAGGAGAACCCCT 428
Db 438 ATGGATGGAGTGGAGTAGCAGTGTGATGATGAATTAATTTGATGGAGGAGAAATCCCT 497
Qy 429 CTATTGCTGCTGACGGTGGTATTGTCAGATTTGTCGTCAGAAATCAGGTTTTCAGAAGT 488
Db 498 CCACCATCTTAAACCCCTGGCCACTGTGGGAGCCTGTCAAGAAAGCACAGGATTTCTGAAGT 557
Qy 489 GGAGAGATTTTAATTTGCAAAATGAGCTTCCCTATATCTGCAAAATTCAGGCTTAGGSCA 548
Db 558 GGAAGATTTAATCTGATGCAAAAGTTACCCCTATGCTGCAAGTTCAAGGACTAGGGCA 617
Qy 549 GTTCTAATTTCAACAGCTTGAATAATATTATGAAGCTCAGATGGCAAGGAAAGCAAGTATG 608
Db 618 GGTGGAAAGTCAGCAGCCTCAGCTTGGCGTGCAGCTCATCATGACATGAGACCAAGTGTG 677
Qy 609 AGGATTCACTCAGGAAGCAGGCTCTGCCCTACACCCACACC 652
Db 678 AAGACTCACCTGGAAGAGAATATTCTCCCCAAACTGCCCTACC 721
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RESULT 10

US-10-173-706-423
; Sequence 423, Application US/10173706
; Publication No. US2003002293A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C7
; CURRENT APPLICATION NUMBER: US/10/173,706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-173-706-423

Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

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Qy 9 CAGGTACCATGATGCTTCCCATGACCCCTGTGTAGGATGCTTGGATGCTGCTTCCCTGCC 68
Db 78 CAGACACTATGCTGCCCTCCCATGCCCTGCCAGTGTCTCTGGATGCTGCTTCCCTGCC 137
Qy 69 TGATGTTCTTTCTTTGGTGAAGTGAAGTCTCAAAAGAACTGCCCTTCTTCACGTA 128
Db 138 TCATTCTCTGTCAGGTTCAAGGTGAAGAAACCCAGAAGAACTGCCCTCTCCACGGA 197
Qy 129 TAACCTGTCTCAAGGCTCTAGCCTATGGTCTTATTGCTATTCTACTGATTTTGATAC 188
Db 198 TCAGCTGTCCCAAGGCTTCAAGGCTATGGCTCCCTGCTATGCTGCTTGTGTTGTCAC 257
Qy 189 CACAGACCTGGTCTTAATGCAGAACTATCCTGCCAGATGCTTCTCAGGACACCTGGCAT 248
Db 258 CAAATCTGGATGATGCAGATCTGGCTTGCAGAAAGCGCCCTCTGGAAGAACTGGTGT 317
Qy 249 TTCCTTCAGTACTGGTGAATTAACCTTCGTGCTCCCTGTGGAAGAACTGGTGGAGG 308
Db 318 CTGTGCTCAGTGGGCTGAGGGATCCTTCGTGCTCCTCCTGGTGGAGGACATTAGTAACA 377
Qy 309 CTAACCTGATCATCTGGATTTGGACTCCATGATCCCTCAGATGGTACACTACCCACGAA 368
Db 378 GCTACTCATATCTGGATTTGGGCTTCCATGACCCACAGAGGCTCTGAGCCTGATGGAG 437
Qy 369 GTGGATGAAGTGGAGCAGTTCCCAATGTGCTGACCTTCTATAACTGGGAGGAGAACCCCT 428
Db 438 ATGGATGGAGTGGAGTAGCAGTGTGATGATGAATTAATTTGATGGAGGAGAAATCCCT 497
Qy 429 CTATTGCTGCTGACGGTGGTATTGTCAGATTTGTCGTCAGAAATCAGGTTTTCAGAAGT 488
Db 498 CCACCATCTTAAACCCCTGGCCACTGTGGGAGCCTGTCAAGAAAGCACAGGATTTCTGAAGT 557
Qy 489 GGAGAGATTTTAATTTGCAAAATGAGCTTCCCTATATCTGCAAAATTCAGGCTTAGGSCA 548
Db 558 GGAAGATTTAATCTGATGCAAAAGTTACCCCTATGCTGCAAGTTCAAGGACTAGGGCA 617
Qy 549 GTTCTAATTTCAACAGCTTGAATAATATTATGAAGCTCAGATGGCAAGGAAAGCAAGTATG 608
Db 618 GGTGGAAAGTCAGCAGCCTCAGCTTGGCGTGCAGCTCATCATGACATGAGACCAAGTGTG 677
Qy 609 AGGATTCACTCAGGAAGCAGGCTCTGCCCTACACCCACACC 652
Db 678 AAGACTCACCTGGAAGAGAATATTCTCCCCAAACTGCCCTACC 721
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RESULT 11

US-10-175-738-423
; Sequence 423, Application US/10175738
; Publication No. US2003002294A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.

APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430RIC45
CURRENT APPLICATION NUMBER: US/10/175,738
CURRENT FILING DATE: 2002-06-19
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 423
LENGTH: 859
TYPE: DNA
ORGANISM: Homo Sapien
US-10-175-738-423

Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTCCTGCC 68
DB 78 CAGACACTATGCTGCTCCCATGGCCCTGCCCATGCTGTCTTGGATGCTTCTCCTGCC 137

QY 69 TGATGCTCTCTTCTTGGGTGGAAGTGAAGATCTCAAAAGAACTGCTTCTTCCACGTA 128
DB 138 TCATTCTCTGTCAGGTTCAAGTGAAGAACCCAGAGAACTGCCCTCTCCACGGA 197

QY 129 TAACTGCTCTCAAGGCTCTGTAGGCTATGGCTCTATGCTTACTGATTTTGATAC 188
DB 198 TCAGTGTCTCCAAAGGCTCCAAAGGCTATGGCTCCCTGCTATGCCCTGTTTGTGTAC 257

QY 189 CACAGACCTGGTCTAATGCAGAACTATCTGCCAGATCAATTTCTCAGACACCTGGCAT 248
DB 258 CAAATCTCGATGATGATGATGCTGGCTTGGCAGAGGCGCCCTCTGGAACACTGGTGT 317

QY 249 TTCTTCTCAGTACTGGTGAATTAACCTTCGTCTCTCCCTCTGTAAGAACAGTTTGAAGG 308
DB 318 CTGTCTCAGTGGGCTGAGGATCCTTCGTCTCTCCCTGCTGAGAGCATTAGTAACA 377

QY 309 CTTACAGTACATCTGGATGAGCTTCCATGATGCTTCCATGATGCTTCCATGATGCTTCCAT 368
DB 378 GCTACTCATATCTGGATGAGCTTCCATGATGCTTCCATGATGCTTCCATGATGCTTCCAT 437

QY 369 GTGGATGAAGTGGAGAGTTCCTCAATGCTGCTGCTCTCAAGAAATCAGGTTTTCAGAAGT 428
DB 438 ATGGATGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 497

QY 429 CTATTGCTGCTGACCGTGGTATTGTCAGTATGTCAGTATGTCAGTATGTCAGTATGTCAGTAT 488
DB 498 CCACCATCTTAACCTTGGCCACTGGGAGCTGTCAAGAGACACAGATTTCTGAAGT 557

QY 489 GGAGAGATTTTAATTTGTAAGTGGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCA 548
DB 558 GGAAGATTTAATTTGTAAGTGGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCA 617

QY 549 GTTCTAATTTCAACAGCTTGAATAATTTATGAAGCTACATGGAAGCAAGCAAGTATG 608
DB 618 GTGGGAAGTGGAGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 677

QY 609 AGGATTCACTCAGGAAGAGCAAGCTCTGCCTACACACACACACAC 652
DB 678 AAGACTCACCTGGAGAGATATTTCTCCCAAACTGCCCTACC 721

RESULT 12

US-10-175-752-423
Sequence 423, Application US/10175752
Publication No. US20030022295A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.

APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430RIC60
CURRENT APPLICATION NUMBER: US/10/175,752
CURRENT FILING DATE: 2002-06-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 423
LENGTH: 859
TYPE: DNA
ORGANISM: Homo Sapien
US-10-175-752-423

Query Match 40.8%; Score 304.8; DB 9; Length 859;
Best Local Similarity 67.1%; Pred. No. 1.2e-85;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTCCTGCC 68
DB 78 CAGACACTATGCTGCTCCCATGGCCCTGCCCATGCTGTCTTGGATGCTTCTCCTGCC 137

QY 69 TGATGCTCTCTTCTTGGGTGGAAGTGAAGATCTCAAAAGAACTGCTTCTTCCACGTA 128
DB 138 TCATTCTCTGTCAGGTTCAAGTGAAGAACCCAGAGAACTGCCCTCTCCACGGA 197

QY 129 TAACTGCTCTCAAGGCTCTGTAGGCTATGGCTCTATGCTTACTGATTTTGATAC 188
DB 198 TCAGTGTCTCCAAAGGCTCCAAAGGCTATGGCTCCCTGCTATGCCCTGTTTGTGTAC 257

QY 189 CACAGACCTGGTCTAATGCAGAACTATCTGCCAGATCAATTTCTCAGACACCTGGCAT 248
DB 258 CAAATCTCGATGATGATGATGCTGGCTTGGCAGAGGCGCCCTCTGGAACACTGGTGT 317

QY 249 TTCTTCTCAGTACTGGTGAATTAACCTTCGTCTCTCCCTCTGTAAGAACAGTTTGAAGG 308
DB 318 CTGTCTCAGTGGGCTGAGGATCCTTCGTCTCTCCCTGCTGAGAGCATTAGTAACA 377

QY 309 CTTACAGTACATCTGGATGAGCTTCCATGATGCTTCCATGATGCTTCCATGATGCTTCCAT 368
DB 378 GCTACTCATATCTGGATGAGCTTCCATGATGCTTCCATGATGCTTCCATGATGCTTCCAT 437

QY 369 GTGGATGAAGTGGAGAGTTCCTCAATGCTGCTGCTCTCAAGAAATCAGGTTTTCAGAAGT 428
DB 438 ATGGATGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 497

QY 429 CTATTGCTGCTGACCGTGGTATTGTCAGTATGTCAGTATGTCAGTATGTCAGTATGTCAGTAT 488
DB 498 CCACCATCTTAACCTTGGCCACTGGGAGCTGTCAAGAGACACAGATTTCTGAAGT 557

QY 489 GGAGAGATTTTAATTTGTAAGTGGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCA 548
DB 558 GGAAGATTTAATTTGTAAGTGGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCA 617

QY 549 GTTCTAATTTCAACAGCTTGAATAATTTATGAAGCTACATGGAAGCAAGCAAGTATG 608
DB 618 GTGGGAAGTGGAGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 677

QY 609 AGGATTCACTCAGGAAGAGCAAGCTCTGCCTACACACACACACAC 652
DB 678 AAGACTCACCTGGAGAGATATTTCTCCCAAACTGCCCTACC 721

RESULT 13

	Query Match	40.8%	Score 304.8;	DB 9;	Length 859;
	Best Local Similarity	67.1%;	Pred. No. 1.2e-85;		
	Matches 432;	Conservative 0;	Mismatches 212;	Indels 0;	Gaps
Qy	9	CAGGTACATGATGCTTCCGATGACCCCTCTGTAGGATGTCTTGATGCTGCTGTTTCCGTGCC	68		
Db	78	CAGACATATGCTGCCCTCCCATGGCCCTGCCAGTGTGTCTTGGATGCTGCTTTTCCGTGCC	137		
Qy	69	TGATGTTCCCTTCTTGTTGGTGAAGGTCAAGAATCTCAAAAGAACTGCCCTTCTTTCACGTA	128		
Db	138	TCATTCTCCTGTGTCAAGTTCAGGTGAGAGAAACCAGAGGAACTGCCCTCTCCACGGA	197		
Qy	129	TAACTGTGTCPCAAAGGCTCTGTAGCCCTATGGGTCCCTATTGCTATTTCACTGATTTTGATAC	188		
Db	198	TCAGCTGTGCCAAAGGCTCCAAAGCCCTATGGCTCCCTGCTATGCCCTTGCTTTTGTGTAC	257		
Qy	189	CACAGACTGCTCTAATGTCCAGAACTATCTCTGCCAGATGCTATTTCTCAGGACACCTGGCAT	248		
Db	258	CAAATCCTGGATGGATGCAGATCTGGCTGGCCAGAGCGCCCTCTGGAAACTGGTGT	317		
Qy	249	TTCTTCTCAGTACTGGTGAATTAACCTTCGTTGTCCTCCCTTGTGTGAAGACAGTTTGACGG	308		
Db	318	CTGTGCTCAGTGGGGCTGAGGGATCCTTCGTTGTCTCCCTGGTGAGGAGCATTAGTAACA	377		
Qy	309	CCTACCAGTACATCTGGATGGACTCCATGATCCCTCACATGGTACACTACCCCAACGAA	368		
Db	378	GCTACTCATACATCTGGATGGGCTCCATGACCCACACAGGGCTCTGAGCCTGATGGAG	437		
Qy	369	GTGGATGGAATGGAGCAGTTTCCAATCTGCTGACCTTCTATACTGGGAGGAGAACCCCT	428		
Db	438	ATGGATGGAGTGGAGTAGCACTCATGTGATGAATTACTTTGCAATGGGAGAAAAATCCCT	497		
Qy	429	CTATTGTGCTGACCGTGGTTATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAGT	488		
Db	498	CCACCATTTAAACCCCTGGCCACTGTGGGAGCCCTCTCAAGAAGCAGAGATTCTGAAGT	557		
Qy	489	GGAGAGATTTTAAATGTGAAATGAGCTTCCCTATATCTGCAATTCGAAGTCTAGGGCA	548		
Db	558	GGAAGATTATACTGTGATCAAGTTTACCCTATGCTGCAAGTTCGAAGTTCGAAGTTCAGGCA	617		

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model
Run on: February 13, 2003, 22:51:46 ; Search time 70 Seconds
(without alignments)
3272.679 Million cell updates/sec

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Gapex 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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3	586	78.4	586	4	US-09-146-969-3
4	536	71.8	558	1	US-08-909-725-4
5	304.8	40.8	762	2	US-08-822-261-2
6	296.6	39.7	797	2	US-08-464-637-1
7	296.6	39.7	797	2	US-08-822-261-5
8	287.2	38.4	798	1	US-07-778-156-12
9	287.2	38.4	798	2	US-08-822-261-6
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18	209.2	28.0	474	2	US-08-422-166-8
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20	120.4	16.1	610	4	US-09-385-982-229
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22	102.2	13.7	590	2	US-08-340-426D-32
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24	102.2	13.7	590	5	PCT-US95-17111A-32
25	102	13.7	378	2	US-08-454-557C-16
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30	92	12.3	622	4	US-09-385-982-224	Sequence 224, App
31	86.4	11.6	659	4	US-09-385-982-319	Sequence 319, App
32	73.4	9.8	306	2	US-07-778-156-9	Sequence 9, Appli
33	73.4	9.8	306	2	US-08-422-166-9	Sequence 9, Appli
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36	46.6	6.2	140	1	US-08-294-522B-8	Sequence 8, Appli
37	46.6	6.2	140	2	US-08-807-861A-8	Sequence 8, Appli
38	46.6	6.2	140	2	US-08-470-868A-8	Sequence 8, Appli
39	46.6	6.2	140	3	US-09-210-681-8	Sequence 8, Appli
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43	45	6.0	140	2	US-08-807-861A-7	Sequence 7, Appli
44	45	6.0	140	2	US-08-470-868A-7	Sequence 7, Appli
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ALIGNMENTS

RESULT 1
US-08-709-662-1
; Sequence 1, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541

US-08-709-662-1

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Query Match      100.0%; Score 747; DB 2; Length 747;
Best Local Similarity 100.0%; Pred. No. 5.4e-236;
Matches 747; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGCAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTGTGGATGCTGCT 60
DB 1 CTGCAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTGTGGATGCTGCT 60

QY 61 TTCCTGCCTGATGTTCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCCCTTC 120
DB 61 TTCCTGCCTGATGTTCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCCCTTC 120

QY 121 TTCACGTATAACCTGTCCCTCAAGGCTCTGTAGCCTATGGGTCTTATTTGCTATTCACTGAT 180
DB 121 TTCACGTATAACCTGTCCCTCAAGGCTCTGTAGCCTATGGGTCTTATTTGCTATTCACTGAT 180

QY 181 TTTGATACACAGACCTGGTCTTAATGCAGAACTATCTTCCAGATGCAATTTCTCAGGACA 240
DB 181 TTTGATACACAGACCTGGTCTTAATGCAGAACTATCTTCCAGATGCAATTTCTCAGGACA 240

QY 241 CTGGCAATTTCTTCAGTACTGCTGCTGAATTTACCTTCCCTGCTCTGCTTGTGAAGAACAG 300
DB 241 CTGGCAATTTCTTCAGTACTGCTGCTGAATTTACCTTCCCTGCTCTGCTTGTGAAGAACAG 300

QY 301 TTTGACGGCTACCATGATGCTGATTTGGATCCCATGATCCCTCACATGGGTACACTACC 360
DB 301 TTTGACGGCTACCATGATGCTGATTTGGATCCCATGATCCCTCACATGGGTACACTACC 360

QY 361 CAACGGAAGTGGATGGAAGTGGAGGAGTTCCTCAATGTGCTGACCTTCTATAAAGTGGAGAG 420
DB 361 CAACGGAAGTGGATGGAAGTGGAGGAGTTCCTCAATGTGCTGACCTTCTATAAAGTGGAGAG 420

QY 421 GAACCCCTCTATTGCTGCTGACCGTGGTATTGTGCAGTTTGTCTCAGAAATCAGGTTT 480
DB 421 GAACCCCTCTATTGCTGCTGACCGTGGTATTGTGCAGTTTGTCTCAGAAATCAGGTTT 480
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RESULT 2

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US-08-401-530A-1
; Sequence 1, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401.530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetulus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541
; US-08-401-530A-1
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Query Match      80.3%; Score 599.8; DB 2; Length 747;
Best Local Similarity 87.7%; Pred. No. 1.5e-187;
Matches 655; Conservative 0; Mismatches 92; Indels 0; Gaps 0;

QY 1 CTGCAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTGTGGATGCTGCT 60
DB 1 CTGCAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTGTGGATGCTGCT 60

QY 61 TTCCTGCCTGATGTTCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCCCTTC 120
DB 61 TTCCTGCCTGATGTTCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCCCTTC 120

QY 121 TTCACGTATAACCTGCTCTCAAGGCTCTGTAGCCTATGGGTCTTATTTGCTATTCACTGAT 180
DB 121 TTCACGTATAACCTGCTCTCAAGGCTCTGTAGCCTATGGGTCTTATTTGCTATTCACTGAT 180

QY 181 TTTGATACACAGACCTGGTCTTAATGCAGAACTATCTTCCAGATGCAATTTCTCAGGACA 240
DB 181 TTTGATACACAGACCTGGTCTTAATGCAGAACTATCTTCCAGATGCAATTTCTCAGGACA 240

QY 241 CTGGCAATTTCTTCAGTACTGCTGCTGAATTTACCTTCCCTGCTCTGCTTGTGAAGAACAG 300
DB 241 CTGGCAATTTCTTCAGTACTGCTGCTGAATTTACCTTCCCTGCTCTGCTTGTGAAGAACAG 300

QY 301 TTTGACGGCTACCATGATGCTGATTTGGATCCCATGATCCCTCACATGGGTACACTACC 360
DB 301 TTTGACGGCTACCATGATGCTGATTTGGATCCCATGATCCCTCACATGGGTACACTACC 360

QY 361 CAACGGAAGTGGATGGAAGTGGAGGAGTTCCTCAATGTGCTGACCTTCTATAAAGTGGAGAG 420
DB 361 CAACGGAAGTGGATGGAAGTGGAGGAGTTCCTCAATGTGCTGACCTTCTATAAAGTGGAGAG 420

QY 421 GAACCCCTCTATTGCTGCTGACCGTGGTATTGTGCAGTTTGTCTCAGAAATCAGGTTT 480
DB 421 GAACCCCTCTATTGCTGCTGACCGTGGTATTGTGCAGTTTGTCTCAGAAATCAGGTTT 480
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QY 481 TCAGAAGTGGAGAGATTTAAATGTGAAATGAGCTTCCCTATATCTGCAAAATTCAGGT 540
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Db 481 TCAGAAGTGGAGAGATTTAAATGTGAAATGAGCTTCCCTATATCTGCAAAATTCAGGT 540
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QY 541 CPAGGCGAGTCTTAATTTCAACAGCTTGAAATATATATGAAGCTCACATGGACAAAGGAG 600
|||||
Db 541 CPAGGCGAGTCTTAATTTCAACAGAGAGCAAGCTCTGGCTACACACCCACCAATTCCTCC 600
|||||
QY 601 CAAGTATGAGGATTCACTCAGGAAGCAAGCTCTGCCTACACACCCACCAATTCCTCT 660
|||||
Db 601 TTATATCATCTCTGCTGTTTCTTGAATATATATGAAGCTCACATGGACAAAGGAGC 660
|||||
QY 661 TATATCATCTCTGCTGTTTTTTTTCAGTATATTTCTGGTGGCTGTAACTTAAAGGCTC 720
|||||
Db 661 AAGTATGAGGATTCACCTCAGGATATCATATATTTCTGGTGGCTGTAACTTAAAGGCTC 720
|||||
QY 721 AGAGAACAAAATAAAATGTCTATCAAC 747
|||||
Db 721 AGAGAACAAAATAAAATGTCTATCAAC 747
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RESULT 3

US-09-146-969-3

; Sequence 3, Application US/09146969

; Patent No. 6228585

; GENERAL INFORMATION:

; APPLICANT: Dieckgraefe, Brian K.

; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury

; FILE REFERENCE: 04255.75314

; CURRENT APPLICATION NUMBER: US/09/146.969

; CURRENT FILING DATE: 1998-09-04

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 3

; LENGTH: 586

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-146-969-3

Query Match 78.4%; Score 586; DB 4; Length 586;
Best Local Similarity 100.0%; Pred. No. 4.6e-183;
Matches 586; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 TTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTTCCTGCTGATGTTCCCTTTCTT 83
|||||
Db 1 TTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTTCCTGCTGATGTTCCCTTTCTT 60
|||||
QY 84 GGGTGGAAAGTGAAGAATCTCAAAAGAACTGCCCTTCTTCAGGTATAACCTGTCCCTCAAG 143
|||||
Db 61 GGGTGGAAAGTGAAGAATCTCAAAAGAACTGCCCTTCTTCAGGTATAACCTGTCCCTCAAG 120
|||||
QY 144 GCTCTGTAGCCTATGGTGCCTATTCTTACTGATTTTGTATACCAAGACCTGGTCTA 203
|||||
Db 121 GCTCTGTAGCCTATGGTGCCTATTCTTACTGATTTTGTATACCAAGACCTGGTCTA 180
|||||
QY 204 ATGCAGAACTATCCCTGCAGATGATTTCTCAGGACACCTGSCATTTCTTCAGTACTG 263
|||||
Db 181 ATGCAGAACTATCCCTGCAGATGATTTCTCAGGACACCTGGCATTTCTTCAGTACTG 240
|||||
QY 264 GTGAAATACCTTCGTGCTCCCTTGTGAAGAACAGTTTGACGGCCTACCAAGTACATCT 323
|||||
Db 241 GTGAAATACCTTCGTGCTCCCTTGTGAAGAACAGTTTGACGGCCTACCAAGTACATCT 300
|||||
QY 324 GGATTTGGACTCCATGATCCCTCAGATGTACACTACCAACGGAAGTGGATGGAAGTGA 383
|||||
Db 301 GGATTTGGACTCCATGATCCCTCAGATGTACACTACCAACGGAAGTGGATGGAAGTGA 360
|||||
QY 384 GCAGTTTCCAATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACC 443
|||||
Db 361 GCAGTTTCCAATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACC 420
|||||
QY 444 GTGGTTATTGTGCACTTTTGTCTCAGAAATCAGGTTTTTCAGAAAGTGGAGAGATTTTAAT 503
|||||

Db 421 GTGGTTATTGTGCACTTTTGTCTCAGAAATCAGGTTTTTCAGAAAGTGGAGAGATTTTAAT 480
|||||
QY 504 GTGAAATAGAGCTTCCCTATATCTGCAAAATTCAGAGTCTAGGCGAGTCTTAATTTCAACA 563
|||||
Db 481 GTGAAATAGAGCTTCCCTATATCTGCAAAATTCAGAGTCTAGGCGAGTCTTAATTTCAACA 540
|||||
QY 564 GCTTCAAAATATTTATGAAGCTCACATGGACAAAGGAGCAAGTATGA 609
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Db 541 GCTTCAAAATATTTATGAAGCTCACATGGACAAAGGAGCAAGTATGA 586
|||||

RESULT 4

US-08-909-725-4

; Sequence 4, Application US/08909725

; Patent No. 5804421

; GENERAL INFORMATION:

; APPLICANT: Vinik, Aaron

; APPLICANT: Pittenger, Gary

; APPLICANT: Rafaeloff-Phail, Ronit

; APPLICANT: Barlow, Scott

; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF

; TITLE OF INVENTION: INGP IN BACTERIAL AND EUKARYOTIC CELLS

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; CITY: Washington

; STATE: DC

; COUNTRY: USA

; ZIP: 20001

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/909,725

; FILING DATE: 12-AUG-1997

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/741,096

; FILING DATE: 30-OCT-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Kagan, Sarah A

; REGISTRATION NUMBER: 32,145

; REFERENCE/DOCKET NUMBER: 0570.05173

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-508-9100

; TELEFAX: 202-508-9299

; TELEX: 97430 BMB UT

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 558 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; US-08-909-725-4

Query Match 71.8%; Score 536; DB 1; Length 558;
Best Local Similarity 99.1%; Pred. No. 1.3e-166;
Matches 539; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 86 GTGGAAGTGAAGATCTCAAAAGAACTGCTTTTTCACGTATAACCTGCTCTCAAGGC 145
|||||
Db 3 GCGGATCCCGAAGATCTCAAAAGAACTGCTTTTTCACGTATAACCTGCTCTCAAGGC 62
|||||
QY 146 TCTGTAGCCTATGGTCTCTATTTGCTATTCTACGTATTTTGATACACACACCTGGTCTAAT 205
|||||
Db 63 TCTGTAGCCTATGGTCTCTATTTGCTATTCTACGTATTTTGATACACACACCTGGTCTAAT 122
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QY 206 GCAGAACTATCCTGCCAGATGATTTTCTCAGACACACCTGGCATTTTCTTCAGTACTGTT 265
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: COUNTRY: USA
: ZIP: 22040-3487
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/464,637
: FILING DATE: 30-AUG-1995
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Murphy Jr., Gerald M.
: REGISTRATION NUMBER: 28,977
: REFERENCE/DOCKET NUMBER: 2121-107P
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 703-205-8000
: TELEFAX: 703-205-8050
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 797 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: not relevant
: TOPOLOGY: not relevant
: MOLECULE TYPE: cDNA to mRNA
: HYPOTHETICAL: NO
: ANTI-SENSE: NO
: ORIGINAL SOURCE:
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 43..567
: OTHER INFORMATION: /product= "human
: OTHER INFORMATION: pancreatitis-associated pro
: OTHER INFORMATION: /note= "see, Fig. 3"
: US-08-464-637-1

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Query Match      39.7%; Score 296.6; DB 2; Length 797;
Best Local Similarity 65.8%; Pred. No. 9.4e-88;
Matches 431; Conservative 0; Mismatches 224; Indels 0; Gaps 0;
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QY	9	CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTCTTGGATGCTGCTTTCTCGCC	68
Db	35	CAGACATATGCTGCCTCCCATGGCCCTGCCCACTATCTTTTGGATGCTGCTTTCTCGCC	94
QY	69	TGATGTTCCTTTCTTGGGTGGAGGTGAAGAATCTCAAAGAAACATGCCTTCTTCACGTA	128
Db	95	TCATGCTGCTCTCAAGTTCAGGTTGAAGAACCCACAGAGGNACTGCCCTCTGCACAGGA	154
QY	129	TAACCTTGCTCTCAAGGCTCTGTAGCCTATGGTCCCTATTGCTATTCACTGATTTTGATAC	188
Db	155	TCGGCTCTCCCAAGGCTCCAAAGCCATATGGCTCCACACTGCTATGCCCTGTGTTTTGTGAC	214
QY	189	CACAGACCTGGTCTAATGCAGAACTATCTGCCAGATGCATTTCTCAGACACCTGGCAT	248
Db	215	CAAAATCTGGACAGATGCAGATCTGGCTGCCAGAGCGGCCCTCTGAAACCTGGTGT	274
QY	249	TTCTTCTCAGTACTGGTGAATTTACCTTCGTGTCCCTCTGTGAAAGAACAGTTTGACGG	308
Db	275	CTGTGCTCAGTGGGCTGAGGGATCCTTCGTGTCCCTCGTGTGAAGACGATTTGGTAACA	334
QY	309	CCATACCAATACATCTGGATTGGACTCCATGATCCCTACATGGTACACTACCCACCGGAA	368
Db	335	GCATCATACATACGTCCTGGATTGGCTCCATGACCCACACAGGSCACCGAGCCCAATGGAG	394
QY	369	GTGGTGGAAAGTGGAGCAGTTCCAAATGTGCTGACCTTCTATACCTGGGAGAGGAACCCCT	428
Db	395	AAGSTGGGAGTGGATAGCAGTGTGATGAATTTACTTTGCATGGGAGAGAAATCCCT	454
QY	429	CTATTGCTGCTGACCGTGGTTATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAGT	488
Db	455	CCACCATCTCAAGCCCGGCCACTGTGCGAGCTGTGAGAGACACAGCATTTTTCGAGGT	514

Qy	489	GGAGAGATTTAAATTGGAATAAGAGCTCCCTATATCTGCAAAATTCAGAGTCTAGGCA	548
Db	515	GGAAAGATTATAACTGTAATGTGAGGTTACCCCTATGCTGCAAGTTCACTGACTAGTGCA	574
Qy	549	GTTCTAAATTTCAACAGCTTGAAAATATTATGAGCTACATGAGCAAGGAAGCAAGTATG	608
Db	575	GGAGGAAGTCAGCAGCCTGTGTTTGGTGTGCAACTCATCATGGGCATGAGACCACTGTG	634
Qy	609	AGGATTCACTCAGAGAGCAAGCTCTGCCCTACACACCCACACCAATTCCTTTAT	663
Db	635	AGGACTCACCTGGAGAGAAATTTGGCTTAATTCGCCCAACCTGACCACTCAT	689

RESULT 7

US-08-822-261-5
; Sequence 5, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Suciya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
; US-08-822-261-5

Query Match	39.7%;	Score 296.6;	DB 2;	Length 797;
Best Local Similarity	65.8%;	Pred. NO. 9.4e-88;		
Matches 431;	Conservative	0;	Mismatches 224;	Indels 0;
			Gaps 0;	

[illegible]

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; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-07-778-156-12

Query Match      38.4%; Score 287.2; DB 1; Length 798;
Best Local Similarity 65.9%; Pred. No. 1.2e-84;
Matches 432; Conservative 0; Mismatches 223; Indels 1; Gaps 1;

QY 155 TCCGCTGCCAAAGGCTCAAGGCTATGGTCCCACTGCTATGCTGTTTGTCTAC 214
Db 155 TCCGCTGCCAAAGGCTCAAGGCTATGGTCCCACTGCTATGCTGTTTGTCTAC 214
QY 189 CACAGACCTGCTTAAATGAGACACTATCTCCAGATGCTATCTCAGACACCTGGCAT 248
Db 189 CACAGACCTGCTTAAATGAGACACTATCTCCAGATGCTATCTCAGACACCTGGCAT 248
QY 215 CAAATCCCTGGACAGATGAGATGCTGGCTGCGAAGAGGCGCCCTCTGGAACCTGGTGT 274
Db 215 CAAATCCCTGGACAGATGAGATGCTGGCTGCGAAGAGGCGCCCTCTGGAACCTGGTGT 274
QY 249 TTCTTCTCAGTACTGCTGAAATACCTTCGCTGCTCCCTTGTGAAGACAGCTTTGACGG 308
Db 249 TTCTTCTCAGTACTGCTGAAATACCTTCGCTGCTCCCTTGTGAAGACAGCTTTGACGG 308
QY 275 CTGCTCAGTGGGCTGAGGATCCTTCGCTCCCTGCTGAGACATTTGTAACA 334
Db 275 CTGCTCAGTGGGCTGAGGATCCTTCGCTCCCTGCTGAGACATTTGTAACA 334
QY 309 CTTACAGTACATCTGATGTTGAGTCCATGATCCCTCAGATGCTATGCTATGCTATGCTATG 368
Db 309 CTTACAGTACATCTGATGTTGAGTCCATGATCCCTCAGATGCTATGCTATGCTATGCTATG 368
QY 335 GCTACTCATACGCTGATGTTGAGTCCATGATCCCTCAGATGCTATGCTATGCTATGCTATG 394
Db 335 GCTACTCATACGCTGATGTTGAGTCCATGATCCCTCAGATGCTATGCTATGCTATGCTATG 394
QY 369 GTGGATGGAAGTGGAGCAGTTCCTCAATGCTGCTACCTTCTATTAATCTGAGGAGACCTCT 428
Db 369 GTGGATGGAAGTGGAGCAGTTCCTCAATGCTGCTACCTTCTATTAATCTGAGGAGACCTCT 428
QY 395 AAGGTTGGGAGTGGAGTACGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 454
Db 395 AAGGTTGGGAGTGGAGTACGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 454
QY 429 CTATTGCTGCTGACCGTGTGTTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 488
Db 429 CTATTGCTGCTGACCGTGTGTTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 488
QY 455 CCACCATCTCAAGCCCGCCACTGTCGAGCCTGTCGAGAGACACAGCATTTCTGAGGT 514
Db 455 CCACCATCTCAAGCCCGCCACTGTCGAGCCTGTCGAGAGACACAGCATTTCTGAGGT 514
QY 489 GGAGAGATTTTAAATGTAAGTACCTTCCCTATATCTGCAAAATCAAGGCTCTAGGGCA 548
Db 489 GGAGAGATTTTAAATGTAAGTACCTTCCCTATATCTGCAAAATCAAGGCTCTAGGGCA 548
QY 515 GGAAGATTTAATGTAAGTACCTTCCCTATATCTGCAAAATCAAGGCTCTAGGGCA 574
Db 515 GGAAGATTTAATGTAAGTACCTTCCCTATATCTGCAAAATCAAGGCTCTAGGGCA 574
QY 549 GTTCTAATTTCAACAGCTTGAATATTTAATGAGCTCAGATGCTGCTGCTGCTGCTGCTGCTGCT 608
Db 549 GTTCTAATTTCAACAGCTTGAATATTTAATGAGCTCAGATGCTGCTGCTGCTGCTGCTGCTGCT 608
QY 575 GGAGGAGTACGACGCTGCTGTTGGTGTGCAATCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 663
Db 575 GGAGGAGTACGACGCTGCTGTTGGTGTGCAATCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 663
QY 609 AGGATTCTACCTAGGAGACAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 689
Db 609 AGGATTCTACCTAGGAGACAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 689

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RESULT 8

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US-07-778-156-12
; Sequence 12, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; STREET: P.C.
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR

```

RESULT 9

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US-08-822-261-6
; Sequence 6, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.

```


Db 95 TCATGCTGCTGCTCAGTTCAAGTTCAGGTAAGAACCCAGAGGGAACCTGCGCTCTGCACGGA 154
 QY 129 TAACCTGTCTCAAGGCTCTGAGCTATGGTCTCTATTTGCTATTTCACTGATTTTGATAC 188
 Db 155 TCCGCTGTCCCAAGGCTCTCAAGGCTATGGCTCCCACTGCTATGCTTTTGTGTAC 214
 QY 189 CACAGACCTGGTCTAATGCAGAACTATCTGCGCAGATGCTTCTCAGGACACCTGGGAT 248
 Db 215 CAAATCTGGACAGATGAGATCTGGCTGCCAGAGGGCCCTCTGGAACCTGGTGT 274
 QY 249 TTCCTCTAGTACTGGTGAATTTACCTTCGTCCTCTCCCTTGTGAAGAACAGTTTGACGG 308
 Db 275 CTGTGCTAGTGGGCTGAGGATCCTTCGTGCTCCTCTCCCTGCTGAAGAGCATTTGTAACA 334
 QY 309 CTACACAGTACATCTGGATTTGACCTCCATGATCCCTCACATGGTACACTACCCACGGAA 368
 Db 335 GCTACTCATACCTCTGGATTTGGGCTCCATGACCCACACAGGGCCACCGAGCCCAATGGAG 394
 QY 369 GTGGATGGAAGTGGAGCAGTTCCCAATGTGCTGACCTTTCTATAACTGGGAGAGAACCCCT 428
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 QY 429 CTATTGCTGCTGACCGTGGTATTGTGCGAGTTTGTCTCAGAAATCAGGTTTTCAGAGT 488
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 Db 515 GGAAGATTTAATTAATTTGAGGTTACCCCTATGTCTGCAAGTTTCACTGACTAGTGC 574
 *QY 548 AGTTCTAATTTCAACAGCTTTGAAATATTTATGAAGCTCATGTGCAAGAGCAAGTAT 607
 Db 575 AGGAGGAAGTCAGCAGCTGTGTTGGTGCACTCATCATGGGCATGAGACCACTGT 634
 QY 608 GAGGATTCACCTCAGGAAGAGCAAGCTCTGCCCTACACCCACACCAATTTCCCTTAT 663
 Db 635 GAGGACTCACCTCGAAGAGATATTCGTTAATTCGCCCAACCTGAGCACCTCAT 690

RESULT 11
 US-09-146-969-2
 ; Sequence 2, Application US/09146969
 ; Patent No. 6228595
 ; GENERAL INFORMATION:
 ; APPLICANT: Dieckgrafe, Brian K.
 ; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
 ; FILE REFERENCE: 04255.75314
 ; CURRENT FILING DATE: 1998-09-04
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 2
 ; LENGTH: 798
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-146-969-2

Query Match 38.4%; Score 287.2; DB 4; Length 798;
 Best Local Similarity 65.9%; Pred. No. 1.2e-84;
 Matches 432; Conservative 0; Mismatches 223; Indels 1; Gaps 1;

QY 9 CAGGTACCATGATGATCTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTCTGCTGCC 68
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 Db 95 TCATGCTGCTGCTCAGGTTCAAGTGAAGAACCCACAGAGGAACCTGCTGCGACGGA 154
 QY 129 TAACCTGTCTCAAGGCTCTGTAGGCTATGGGCTCTATTTCACTGATTTTGATAC 188
 Db 155 TCCGCTGTCCCAAGGCTCTCAAGGCTATGGCTCCCACTGCTATGCTTTTGTGTAC 214

QY 189 CACAGACCTGCTTAATGCAGAACTATCTGCGCAGATGCTTCTCAGGACACCTGGCAT 248
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 QY 249 TTCCTCTAGTACTGGTGAATTTACCTTCGTCCTCTCCCTTGTGAAGAACAGTTTGACGG 308
 Db 275 CTGTGCTAGTGGGCTGAGGATCCTTCGTGCTCCTCTCCCTGCTGAAGAGCATTTGTAACA 334
 QY 309 CTACACAGTACATCTGGATTTGACCTCCATGATCCCTCACATGGTACACTACCCACGGAA 368
 Db 335 GCTACTCATACCTCTGGATTTGGGCTCCATGACCCACACAGGGCCACCGAGCCCAATGGAG 394
 QY 369 GTGGATGGAAGTGGAGCAGTTCCCAATGTGCTGACCTTTCTATAACTGGGAGAGAACCCCT 428
 Db 395 AAGGTTGGAGTGGAGTACAGTGTGATGAATTAATTTCCATGGGAGAGAAATCCCT 454
 QY 429 CTATTGCTGCTGACCGTGGTATTGTGCGAGTTTGTCTCAGAAATCAGGTTTTCAGAGT 488
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 Db 575 AGGAGGAAGTCAGCAGCTGTGTTGGTGCACTCATCATGGGCATGAGACCACTGT 634
 QY 608 GAGGATTCACCTCAGGAAGAGCAAGCTCTGCCCTACACCCACACCAATTTCCCTTAT 663
 Db 635 GAGGACTCACCTCGAAGAGATATTCGTTAATTCGCCCAACCTGAGCACCTCAT 690

RESULT 12
 US-07-778-156-1
 ; Sequence 1, Application US/07778156
 ; Patent No. 5436169
 ; GENERAL INFORMATION:
 ; APPLICANT: IOVANNA, JUAN-LUCIO
 ; APPLICANT: KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
 ; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 ; TITLE OF INVENTION: PANCREATITIS
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
 ; ADDRESSEE: P.C.
 ; STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: U.S.A.
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07778,156
 ; FILING DATE: 19911219
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oblon, No. 5436169man F.
 ; REGISTRATION NUMBER: 24,618
 ; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703)521-4500
 ; TELEFAX: (703)486-2347
 ; TELEX: 248855 OPAT OR
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 793 base pairs

;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: unknown
;; TOPOLOGY: unknown
;; MOLECULE TYPE: cDNA to mRNA
;; ORIGINAL SOURCE:
;; ORGANISM: rat
;; TISSUE TYPE: pancreas
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 62..613
US-07-778-156-1

Query Match 37.3%; Score 279; DB 1; Length 793;

Best Local Similarity 65.6%; Pred. No. 5.8e-82;

Matches 422; Conservative 0; Mismatches 220; Indels 1; Gaps 1;

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Db 110 TGCCTGATGCTCTTATCACAGTGAAGGAGAAGACTCTCCGAAGAAATACCTCTGCA 169
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Db 170 CGCATTTAGTGGCCCAAGGCTCCAGGAGCATATGGCTCTACTGCTATGCCCTGTTTCAG 229
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QY 185 ATACCACAGACCTGTCTAATCAGAACTATCTGCCAGATCATTTCTCAGGACACCTG 244
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Db 230 ATACCACAGACCTGTGTCATCAGAACTTGGCTGCCAGAGAGACCTGGAAGACACCTT 289
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Db 290 GTATCTGTCTCAATGTAGCTGAAGCTTCATTTGGCATCCATGGTCAAGAACTGGA 349
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QY 305 ACGGCTACCACTACATCTGGATTTGACTCCATGATCCCTCACATGGTACACTACCCAAAC 364
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QY 365 GGAAGTGGATGAAGTGAGGAGATTTCCATGTGCTGACCTTCTATTAAGTGGAGAGGAC 424
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QY 485 AAGTGGAGAGATTTTAATGTGAAAATG-AGCTTCCCTATATCTGCAATTCAGAGTCTA 543
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Db 530 AGATGGAGAGATACCACATGTGAAGTTGAAGTTGGCTTACGCTACGTTGCAAGTTA 589
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QY 544 GGGCAGTTCTAATTTCAACAGCTTCAAAATATATGAGCTCACATGGACAGAGGACAA 603
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RESULT 13

US-08-422-166-1

; Sequence 1, Application US/08422166

; Patent No. 5959086

; GENERAL INFORMATION:

; APPLICANT: IOVANNA, JUAN-LUCIO

; APPLICANT: KEIM, VOLKER

; APPLICANT: DAGORN, JEAN-CHARLES

; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE

; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE

; TITLE OF INVENTION: PANCREATITIS

; NUMBER OF SEQUENCES: 12

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
;; ADDRESSEE: P.C.
;; STREET: 1755 Jefferson Davis Highway, Fourth Floor
;; CITY: Arlington
;; STATE: Virginia
;; COUNTRY: U.S.A.
;; ZIP: 22202
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/422.166
;; FILING DATE: 14-APR-1995
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/778,156
;; FILING DATE: 19-DEC-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Oblon, No. 5959086man F.
;; REGISTRATION NUMBER: 24,618
;; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (703)521-4500
;; TELEFAX: (703)486-2347
;; TELEX: 248855 OPAT UR
;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 793 base pairs
;; TYPE: nucleic acid
;; TOPOLOGY: unknown
;; MOLECULE TYPE: cDNA to mRNA
;; ORIGINAL SOURCE:
;; ORGANISM: rat
;; TISSUE TYPE: pancreas
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 62..613
US-08-422-166-1

Query Match 37.3%; Score 279; DB 2; Length 793;

Best Local Similarity 65.6%; Pred. No. 5.8e-82;

Matches 422; Conservative 0; Mismatches 220; Indels 1; Gaps 1;

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Db 110 TGCCTGATGCTCTTATCACAGTGAAGGAGAAGACTCTCCGAAGAAATACCTCTGCA 169
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QY 125 CGTATAACCTGTCTCAAGGCTCTGTAGCCTATGGTCTCTATTGCTATTCACATGATTTG 184
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Db 170 CGCATTTAGTGGCCCAAGGCTCCAGGAGCATATGGCTCTACTGCTATGCCCTGTTTCAG 229
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QY 305 ACGGCTACCACTACATCTGGATTTGACTCCATGATCCCTCACATGGTACACTACCCAAAC 364
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```


TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 522 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
TISSUE TYPE: pancreas
US-08-422-166-4

Query Match 34.2%; Score 255.6; DB 2; Length 522;
Best Local Similarity 68.3%; Pred. No. 2.3e-74;
Matches 354; Conservative 0; Mismatches 164; Indels 0; Gaps 0;
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QY 77 CTTTCTTGGTGGAGGTGAAGATCTCAAGAAACTGCCTTCTTCACGTATTAACCTGT 136
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Db 301 TAGCTCTGGATTGGGCTCCATGACCCCAACACAGGGCACCCGAGCCCAATGGAGAGGTTGG 360
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Db 481 TATACTGTAAATGAGGTTACCTATGCTGCAAGT 518

Search completed: February 14, 2003, 02:29:44
Job time : 73 secs

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 14, 2003, 04:44:54 ; Search time 29 Seconds
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153.293 Million cell updates/sec

Title: US-09-717-095-2

Perfect score: 958

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Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 140259 seqs, 25548876 residues

Total number of hits satisfying chosen parameters: 140259

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
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- 11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
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- 13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
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2	557	58.1	175	9	US-09-978-295A-452
3	557	58.1	175	9	US-09-978-697-452
4	557	58.1	175	9	US-09-978-192A-452
5	557	58.1	175	9	US-09-999-832A-452
6	557	58.1	175	9	US-09-978-189-452
7	557	58.1	175	9	US-10-174-590-424
8	557	58.1	175	9	US-10-176-758-424
9	557	58.1	175	9	US-10-175-737-424
10	557	58.1	175	9	US-10-173-706-424
11	557	58.1	175	9	US-10-173-738-424
12	557	58.1	175	9	US-10-175-752-424
13	557	58.1	175	9	US-10-176-482-424
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21	557	58.1	175	9	US-10-174-582-424	Sequence 424, App
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25	557	58.1	175	9	US-10-175-743-424	Sequence 424, App
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43	190	19.8	158	9	US-10-025-380-1079	Sequence 1079, App
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ALIGNMENTS

RESULT 1
US-09-925-301-1013
; Sequence 1013, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 1013
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-301-1013

Query Match	59.7%	Score	572	DB	10	Length	183
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QY	63	AELSCOMHFSGHIAFLLSLTGEITFYSSLVKNSLTAYQYTWIGLHDPHSGTLPNGSGKWS	122				
Db	72	ADLACRKRFSGNLSVLVSAGSGFSVSSLVKNSIGNSYSYVWIGLHDPHDTQGTPENGEGWS	131				
QY	123	SSNLTFTFYWERNPSTAAADRGYCAVLKSQKSGFKQWRDFNCENELPYICKF	172				
Db	132	SSDVNNYFAWERNPSTISSPGHCASLSRSTAFLRWKNKDYNCNVLRLPYVCKF	181				

RESULT 2
US-09-978-295A-452
; Sequence 452, Application US/09978295A

Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred. No. 1.le-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

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Db 4 PMAFLPSWMLLSCILILCQVQGETQELPSRITCPKSKAYGSCPYALFLSPKSNMD 63

Qy 63 AELSCMHFSCHLAFLLSTGEITFVSSLVKNSLTAYQIWIHLHDPHSGTLPNGSGKWS 122
Db 64 ADLCAQKRPSSKLVSLVSGAGSFVSSLVRSISNSYSYIWIHLHDPHSGTLPNGSGKWS 123

Qy 123 SSNVLTFYNNERNPNSIAADRGYCAVLISOKSGFKWRDNCENELPYICKFK 173
Db 124 STDVNNYFAWEKNPSTILNPHGCSLSRSTGFLKWKDYNCKALPYICKFK 174

RESULT 3
US-09-978-697-452

; Sequence 452, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PLC27
; CURRENT APPLICATION NUMBER: US/09/978,697
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR FILING DATE: 1997-11-03
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; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27

US-09-978-192A-452
Sequence 452, Application US/09978192A
Patent No. US2002017553A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
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APPLICANT: Goddard, Audrey
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APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC9
CURRENT APPLICATION NUMBER: US/09/978,192A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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QY 123 SSNVLTFYWNERNPSTAADRGKCAVLSQKSGFGKWRDFNCNELPYICKFK 173
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; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27

; SEQUENCE 452, APPLICATION US/09999832A
; PUBLICATION NO. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
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; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
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; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
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; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
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; PRIOR APPLICATION NUMBER: 60/079728
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; PRIOR FILING DATE: 1998-04-01
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; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
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; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496

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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
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; PRIOR FILING DATE: 1998-05-06
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; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
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; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

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Query Match 58.1%; Score 557; DB 9; Length 175;
 Best Local Similarity 55.6%; Pred. No. 1.le-48;
 Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

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QY 3 PMTLCRMWMLLSCLMFLMSWVEEESQKLPSSRITCPOGVSAYGVCYSYLILIPQWNS 62
    || :|||:|||||: | :|||:|||||: |||:|||||: |||:|||||: |||:|||||:
DB 4 PMALPSVSWMLLSCLILLCQVQGEETQKELPSRISCPKSGKAYGSPCYALFSPKSWMD 63
    || :|||:|||||: | :|||:|||||: |||:|||||: |||:|||||: |||:|||||:
QY 63 AELSCQMHSGLHLLSTGETTFVSSLVKNSLTAYQYIWIWGLHDPHSGTLPNGSGKWS 122
    | :|||: || | :|||: |||: |||: |||: |||: |||: |||: |||: |||: |||:
DB 64 ADLACQKRPSSGLVSVLSGAEGSFVSSLVRSISNSYIWIWGLHDPHSGTLPNGSGKWS 123
    | :|||: || | :|||: |||: |||: |||: |||: |||: |||: |||: |||: |||:
QY 123 SSVLTFYNNWRNPSTADRGYCAVLSQKSGTQKWRDFNCNELPYICKFK 173
    | :|||: || | :|||: |||: |||: |||: |||: |||: |||: |||: |||: |||:
DB 124 STDVMNYFAWEKNPSTILNPGHCGSLRSTGFLKWKDYNCDKALPYVCKFK 174
    | :|||: || | :|||: |||: |||: |||: |||: |||: |||: |||: |||: |||:

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RESULT 6
US-09-978-189-452
; Sequence 452, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC7
; CURRENT APPLICATION NUMBER: US/09/978.189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
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; PRIOR FILING DATE: 1998-03-25
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; PRIOR FILING DATE: 1998-03-30
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; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
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; PRIOR FILING DATE: 1998-04-22
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; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
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; PRIOR FILING DATE: 1998-04-28
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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29

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RESULT 7
US-10-174-590-424
; Sequence 424, Application US/10174590
; Publication No. US20030008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEOTIDE SEQUENCES
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430RIC42
; CURRENT APPLICATION NUMBER: US/10/174,590
; CURRENT FILING DATE: 2002-06-18
; Prior application removed - See File wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-174-590-424

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; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084627
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 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084643
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 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/085339
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 ; PRIOR FILING DATE: 1998-05-13
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 ; PRIOR APPLICATION NUMBER: 60/085323
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 ; PRIOR FILING DATE: 1998-05-13
 ; PRIOR APPLICATION NUMBER: 60/085582
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 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085700
 ;
 ; PRIOR FILING DATE: 1998-05-15

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; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match          58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred. No. 1.le-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

QY      3  PWTLCRSMWLLSCIMFLSWVEGESOKLPSRRITCPQGSVAYGSCYCSLILIPOTWSN 62
      || : ||||| ||| : || : ||||| ||| ||||| ||||| ||||| ||||| :
Db      4  PMALPYSWMLLSCLLILLCQVGEETQKELPSRISCPKSGKAYGSCYALFLSPKSWMD 63
      || : ||||| ||| : || : ||||| ||| ||||| ||||| ||||| ||||| :

QY      63  AELSCQMFFSGHLAFLSTGEITFVSSLVKNLSLTAYQYIWIHLDPHSPHTLPNCSGKWKS 122
      || : || : || : || : || : || : || : || : || : || : || : || :
Db      64  ADLACQKRPSCGLVSVLSGAEGPSVSLVRSISNSYIWIHLDPHTQGSFDDGWEWS 123
      || : || : || : || : || : || : || : || : || : || : || : || :

QY      123  SSVNLTYYNERNPSIAADRGYCAVLCSQKSGFQKWRDFNCENELPYICKFK 173
      || : || : || : || : || : || : || : || : || : || : || : || :
Db      124  STDVYNYFAEKNPSTTLNPGHCGLSSRSYGFLLWKQDYNCDAKLPPYVCKFK 174
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; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-424

Query Match 58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred. No. 1.1e-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

QY 3 PMTLCRMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQWTSN 62
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Db 4 PMALPSVSWMLLSCLLLCQVQGETQKELSPRISCPKSKAYGSPCYALFLSPKSWMD 63
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
QY 63 AELSCQMHSGLHFLASTGETITFVSSLVKNLSLAYQYIWIHLDPHSHGTLPLNGSGWKWS 122
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
Db 64 ADLACQKRPSSGKLVSLGAEFSVSLVRSISNSYIWIHLDPHSHGTLPLNGSGWKWS 123
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
QY 123 SSNVLTFYWNERNPSIAADRGYCAVLSQKSGFQKWRDNCENELPYICKFK 173
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
Db 124 STDVNNYFAWEKNPSTILNPGHCGSLRSTGLKWKDYNCDAKLPYVCKFK 174
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :

RESULT 9

US-10-175-737-424

; Sequence 424, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-424

Query Match 58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred. No. 1.1e-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

QY 3 PMTLCRMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQWTSN 62
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
Db 4 PMALPSVSWMLLSCLLLCQVQGETQKELSPRISCPKSKAYGSPCYALFLSPKSWMD 63
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
QY 63 AELSCQMHSGLHFLASTGETITFVSSLVKNLSLAYQYIWIHLDPHSHGTLPLNGSGWKWS 122
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
Db 64 ADLACQKRPSSGKLVSLGAEFSVSLVRSISNSYIWIHLDPHSHGTLPLNGSGWKWS 123
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
QY 123 SSNVLTFYWNERNPSIAADRGYCAVLSQKSGFQKWRDNCENELPYICKFK 173
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
Db 124 STDVNNYFAWEKNPSTILNPGHCGSLRSTGLKWKDYNCDAKLPYVCKFK 174
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :

RESULT 10

US-10-173-706-424

; Sequence 424, Application US/10173706
; Publication No. US20030022293A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C7
; CURRENT APPLICATION NUMBER: US/10/173,706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-173-706-424

Query Match 58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred. No. 1.1e-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

QY 3 PMTLCRMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQWTSN 62
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
Db 4 PMALPSVSWMLLSCLLLCQVQGETQKELSPRISCPKSKAYGSPCYALFLSPKSWMD 63
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
QY 63 AELSCQMHSGLHFLASTGETITFVSSLVKNLSLAYQYIWIHLDPHSHGTLPLNGSGWKWS 122
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
Db 64 ADLACQKRPSSGKLVSLGAEFSVSLVRSISNSYIWIHLDPHSHGTLPLNGSGWKWS 123
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
QY 123 SSNVLTFYWNERNPSIAADRGYCAVLSQKSGFQKWRDNCENELPYICKFK 173
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :
Db 124 STDVNNYFAWEKNPSTILNPGHCGSLRSTGLKWKDYNCDAKLPYVCKFK 174
||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :||||| : ||| :

RESULT 11

US-10-175-738-424

; Sequence 424, Application US/10175738
; Publication No. US20030022294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175,738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-424

Query Match 58.1%; Score 557; DB 9; Length 175;
Best Local Similarity 55.6%; Pred. No. 1.1e-48;
Matches 95; Conservative 37; Mismatches 39; Indels 0; Gaps 0;

QY	3	PMTLCRM5WMLLC1MFLSVNVEGEESOKPLSPSRITCTPOG5VAYGVCYVSLILIPQW5N	62
QY	4		63
Db	4	PMALPSV5WMLSC1LLCQVGEETQKELPSPRISCPG5KAIGSPCTALFSP5K5WMD	63
QY	63	AELSCQMHF5GH1AFLSTGEITFVSVSLVKN5LTAQYIWIUHLDP5HGTLPNG5GWK5	122
Db	64	ADLACQKRP5GK1SVL5UGAEG5FV5SLVRS1NS5SYIWIUHLDP5Q5EP5DGDG5W5	123
QY	123	SSNVLT5YNNR5P5IAADRGYCAVL5QK5SG5K5Q5K5W5D5F5NC5ENELP5IC5KF5	173
Db	124	5TDVYNTFA5EKNP5T1LNP5G5G5S5RS5T5G5FLK5W5D5NC5DK5LP5Y5CK5F5	174

RESULT 12

```

RESULT 12
US-10-175-752-424
; Sequence 424, Application US/10175752
; Publication No. US20030022295A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEOTIDE SEQUENCES ENCODING THE SAME
; FILE REFERENCE: P34301C60
; CURRENT APPLICATION NUMBER: US/10/175,752
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-752-424

```

[illegible]

RESULT 13

RESULT 13
US-10-176-482-424
; Sequence 424, Application US/10176482
; Publication No. US20030022296A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.

```

; APPLICANT: Wood,William I.
; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEOTIDE SEQUENCES OF THE SAME
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C70
; CURRENT APPLICATION NUMBER: US/10/176,482
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO: 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-176-482-424

```

	Query Match	58.1%	Score 557;	DB 9;	Length 175;
	Best Local Similarity	55.6%;	Pred. No. 1.le-48;		
	Matches	95;	Conservative 37;	Mismatches 39;	Indels 0; Gaps 0;
Qy	3	PMTLCRMWMLLSCLMFLSWVEGESOKLPPSSRTCTPQGSVAYGSCYCSLLILIPQTWSN	62		
		: : : : : : : : : : : :			
Ddb	4	PMAFPSVSMWLLSCLILICQOGEETKELPSRISCPRGSKAYGSPCYALFSPKSNMD	63		
Qy	63	AELSOMHFSGHLAPLLTGETITTFVSSLVKNSLTAYQIWIGLHDPHSCHTLPNGSGWKWS	122		
		: : : : : : : : : : : : :			
Ddb	64	ADLACQRPSPCKLVSLGSAEGSFVSSLRSISNSYSYIWIGLHDPTQGSEPDGDGWES	123		
Qy	123	SSNVLTIFYNWERNPSIAADRGYCAVLSSQKSGFKQRKDFNCENELPYICKFK	173		
Db	124	STDVNMYEFAWNKPNTILNPCHGSLSRSTGFLKWKDYNCAKLDPYCVCKFK	174		

RESULT 14

```

RECORD 14
US-10-176-757-424
; Sequence 424, Application US/10176757
; Publication No. US20030022297A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C86
; CURRENT APPLICATION NUMBER: US/10/176,757
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-757-424

```

Query Match	58.1%	Score	557	DB	9	Length	175
Best Local Similarity	55.6%	Pred.	No. 1.1e-48				
Matches	95	Conservative	37	Mismatches	39	Indels	0
Gaps	0						
Qy	3	PWTLGRSWMLLSCLMFUSWVEGESQKLLPSSRTCTPQGSVAYGSYCYSLILIPQTNWSN	62				
		: : : : : : : : : :					
Db	4	PMALPSVSMLLSCLILLCCVQGEETQELSPRISCRPKGKAYGSPCYALFLSPKSNMD	63				
Qy	63	AELSCMHFSCHLAFLLTGTETVSSVLVKNLSLTAYQYIWTGLHDPDSHGTLTPNGSGWKNS	122				
		: : : : : : : : : :					
Db	64	ADLACQKRPSGKLVSLGSAEGSVSSIVRSTISNSYSYIWTGLHDPDTCGSPDGDGWEWS	123				

